Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 13 Sep 2021 until 23:59 on Tuesday 14 Sep 2021

Forecast Issued on Sunday 12 Sep 2021 at 16:42

Confidence: High confidence in unsettled weather, moderate confidence in timing and intensity of precipitation

Headline for Monday 13 Sep 2021: Cloudy with outbreaks of light rain

Mountain weather hazards on Monday 13 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Light rain	Light rain	Light rain	Cloudy	Heavy rain showers (night)
Precipitation probability							
20%	20%	20%	30%	50%	50%	20%	40%

Forecast for Monday 13 Sep 2021

Weather: Cloudy but mostly dry at first, however outbreaks of light rain will spread northwards across the park during the day. Low cloud may develop in association with the rain across the south of the park. Drier for a time early evening before heavy showers return overnight.

Chance of cloud free mountain/hill tops above 600m: 90%, deteriorating to 60% at times in the south.

Visibility: Mostly good, occasionally poor in cloud base 500-600m towards the south of the park.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 13 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/18 E	10/17 E	9/16 E	13/19 E	13/19 SE	13/19 SE	10/16 SE	11/16 SE	11/16 SE
300	9/18 E	8/16 E	8/16 E	9/18 E	9/18 SE	8/16 SE	6/14 E	7/16 SE	6/14 SE
Valley	8/15 E	6/13 E	7/16 E	11/20 E	9/19 SE	9/19 SE	6/15 E	6/16 E	6/15 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/6	8/6	8/6	9/6	10/7	11/8	11/9	11/8	11/9
300	11/9	11/9	11/9	12/10	13/11	13/12	13/12	13/12	13/12
Valley	12/11	12/11	12/11	14/12	15/13	15/13	15/14	14/13	14/13
Freezing Level*	2500m	2500m	2500m	2600m	2700m	2700m	2600m	2600m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Although rain will be mostly light, it will be fairly persistent at times so wet weather equipment will be required. There is some uncertainty about the extent of rainfall, so visibilities may be poorer than expected.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 12 Sep 2021	0.6mm	10.8mm	29.4mm

Forecast for Tuesday 14 Sep 2021

Weather: The last of yesterday's rain should clear during the morning, but widespread low cloud is expected to remain over the summits. This will be slow to lift and break but by afternoon there will be plenty of sunny spells, however there will also be isolated light showers.

Maximum wind: South-easterly 5-10mph

Chance of cloud free mountain/hill tops above 600m: 20% increasing to 90% during the morning

Visibility: Poor in cloud base 300-400m at first, improving to good later in the morning, potentially very good during the afternoon.

Temperature: **Valleys:** Plus 9 Celsius increasing to Plus 18 Celsius
At 600m: Plus 12 Celsius
Freezing level: Above summits

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